

CLAIM SET AS AMENDED

1. (Previously Presented) A centrifugal clutch for transmitting power of an engine by connecting a driving side and a driven side to each other, comprising:

a clutch weight which inclines under a centrifugal force, the clutch weight having a plurality of weight component members which are stacked and fixed to each other,

wherein each of said weight component members has a first part and a second part, the first parts having smaller specific gravities than the second parts, whereby a center of gravity of said clutch weight is set to a predetermined position,

wherein the clutch weight includes five weight component members, three of the weight component members having a fitting hole for accommodating a pin serving as a fulcrum of inclination, and two of the weight component members not having a fitting hole.

2. (Previously Presented) The centrifugal clutch according to claim 1, wherein the predetermined position of said center of gravity of said clutch weight is set by forming the first parts of the weight component members by baking a sintered metallic powder with said smaller specific gravity, and forming the second parts of the weight component members by baking a sintered metallic powder with a larger specific gravity, and said second parts formed by baking said sintered metallic powder with the larger specific gravity is set on a side of a tip portion of said clutch weight away from a fulcrum of inclination of said clutch weight.

3. (Cancelled)

4. (Previously Presented) The centrifugal clutch according to claim 1, wherein each of said plurality of weight component members has a different shape.

5. (Cancelled)

6. (Previously Presented) The centrifugal clutch according to claim 1, wherein the fitting holes are provided on the first parts of the three weight component members having the fitting holes.

7. (Previously Presented) The centrifugal clutch according to claim 1, wherein the three weight component members having the fitting holes are stacked together and sandwiched between the two of the weight component members not having the fitting holes.

8. (Previously Presented) The centrifugal clutch according to claim 1, wherein one of the three weight component members having the fitting holes is provided with two spring openings.

9. (Previously Presented) The centrifugal clutch according to claim 8, wherein one of the spring openings is provided on the first part of the one of the three weight component members having the fitting holes.

10. (Previously Presented) The centrifugal clutch according to claim 8, wherein a second of the spring openings is provided on the second part of the one of the three weight component members having the fitting holes.

11. (Currently Amended) A centrifugal clutch for transmitting power by connecting a driving side and a driven side to each other through inclination, comprising:

a clutch weight which inclines under a centrifugal force, wherein said clutch weight is formed of members ~~with portions differing in~~ each of which has one portion with a smaller specific gravity than another portion, whereby a position of a center of gravity of said clutch weight is set,

wherein the clutch weight includes five members, three of the members having a fitting hole for accommodating a pin serving as the fulcrum of the inclination, and two of the members not having a fitting hole

12 - 13. (Cancelled)

14. (Previously Presented) The centrifugal clutch according to claim 11, wherein each of said members has a different shape.

15. (Cancelled)

16. (Currently Amended) The centrifugal clutch according to claim 11, wherein the fitting holes are provided on the ~~portion having the larger~~ portions having the smaller specific gravities ~~gravity of the three members having the fitting holes~~.

17. (Previously Presented) The centrifugal clutch according to claim 11, wherein the three members having the fitting holes are stacked together and sandwiched between the two of the members not having the fitting holes.

18. (Previously Presented) The centrifugal clutch according to claim 11, wherein at least some of the three members having the fitting holes are provided with the first spring opening and a second spring opening, the second spring opening being provided away from the first spring opening.

19. (Previously Presented) The centrifugal clutch according to claim 18, wherein the second spring opening is provided adjacent to a fulcrum of inclination.

20. (Previously Presented) The centrifugal clutch according to claim 18, wherein the first spring opening away from a fulcrum of inclination.

21. (Previously Presented) The centrifugal clutch according to claim 11,
wherein said setting of said center of gravity of said clutch weight is achieved by providing at least some of the members with a material having a specific gravity larger than the specific gravity of a base material of said clutch weight, the material being selectively fitted into a tetra-opening provided on the side of a tip portion of said at least one of the members away from a fulcrum for said inclination of said clutch weight,

wherein a first spring opening is provided adjacent to the tetra-opening on the tip portion of said at least one of the members.

22. (Currently Amended) A centrifugal clutch for transmitting power of an engine by connecting a driving side and a driven side to each other, comprising:

a clutch weight which inclines under a centrifugal force, the clutch weight having a

plurality of weight component members which are stacked and fixed to each other,

wherein each of said weight component members has a first part and a second part each being formed of a sintered metallic powder, the first parts having smaller specific gravities than the second parts, whereby a center of gravity of said clutch weight is set to a predetermined position,

wherein the clutch weight includes five weight component members, three of the weight component members having a fitting hole for accommodating a pin serving as a fulcrum of inclination, and two of the weight component members not having a fitting hole, and

wherein at least one spring hole is provided on either the second or the fourth weight component member of the stack of five weight component members.

23. (Cancelled)